

## REPLACEMENT SHEET

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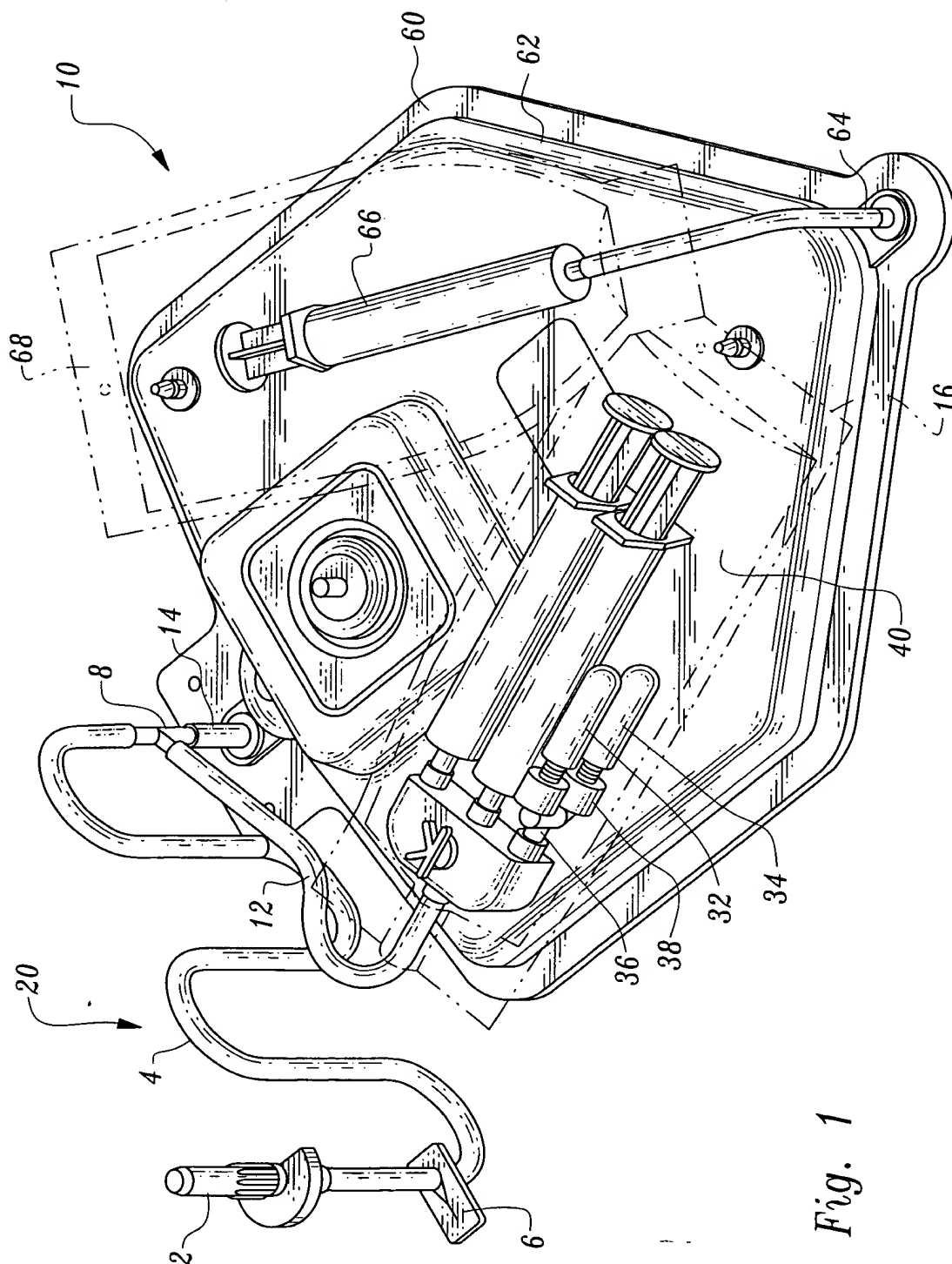


Fig. 1

REPLACEMENT  
SHEET

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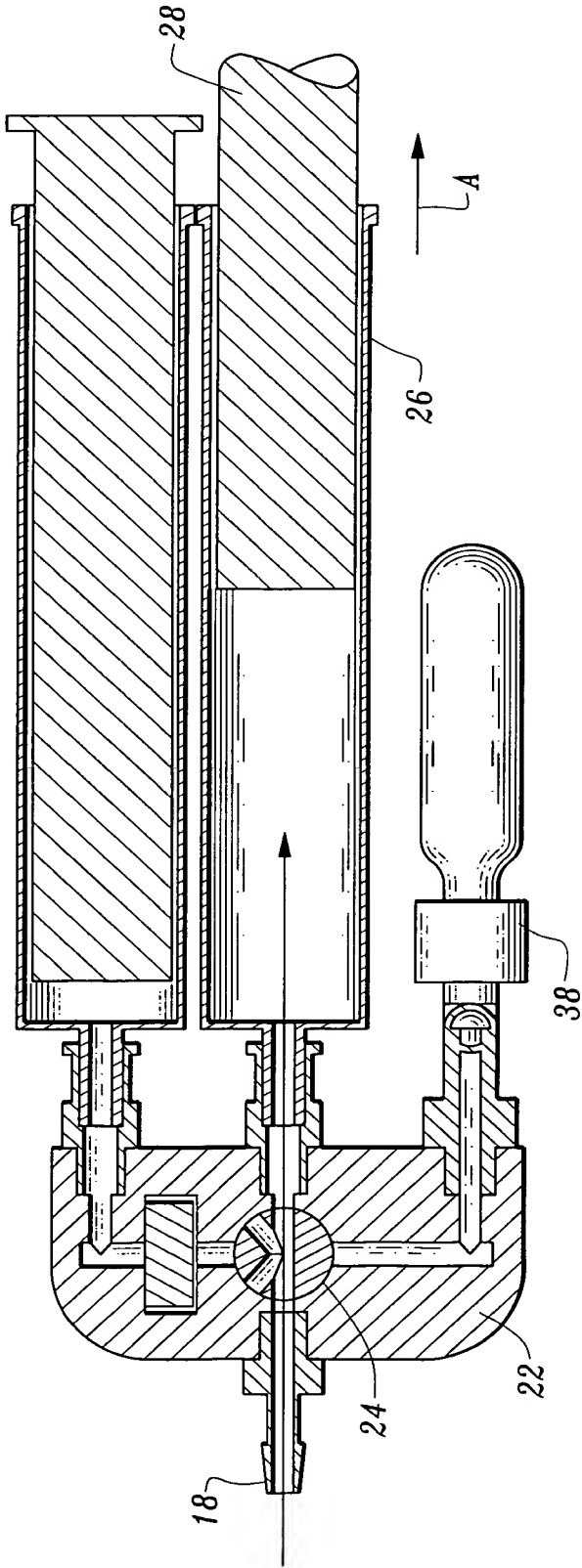


Fig. 2

REPLACEMENT  
SHEET

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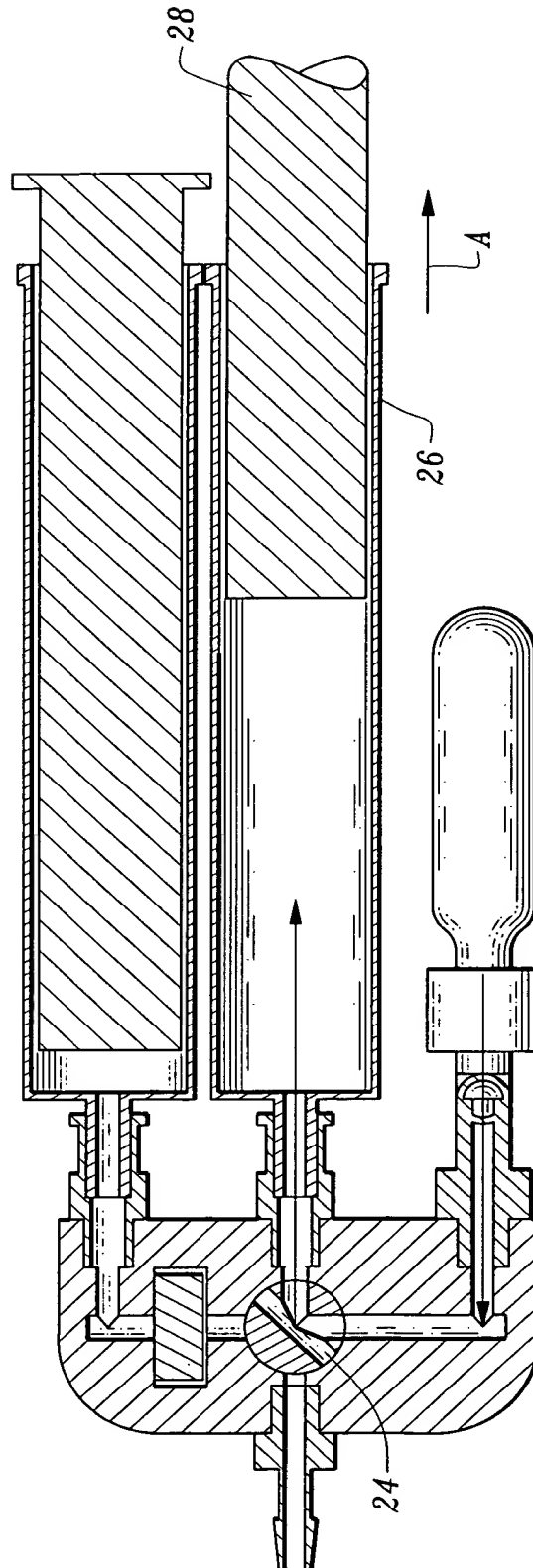


Fig. 3

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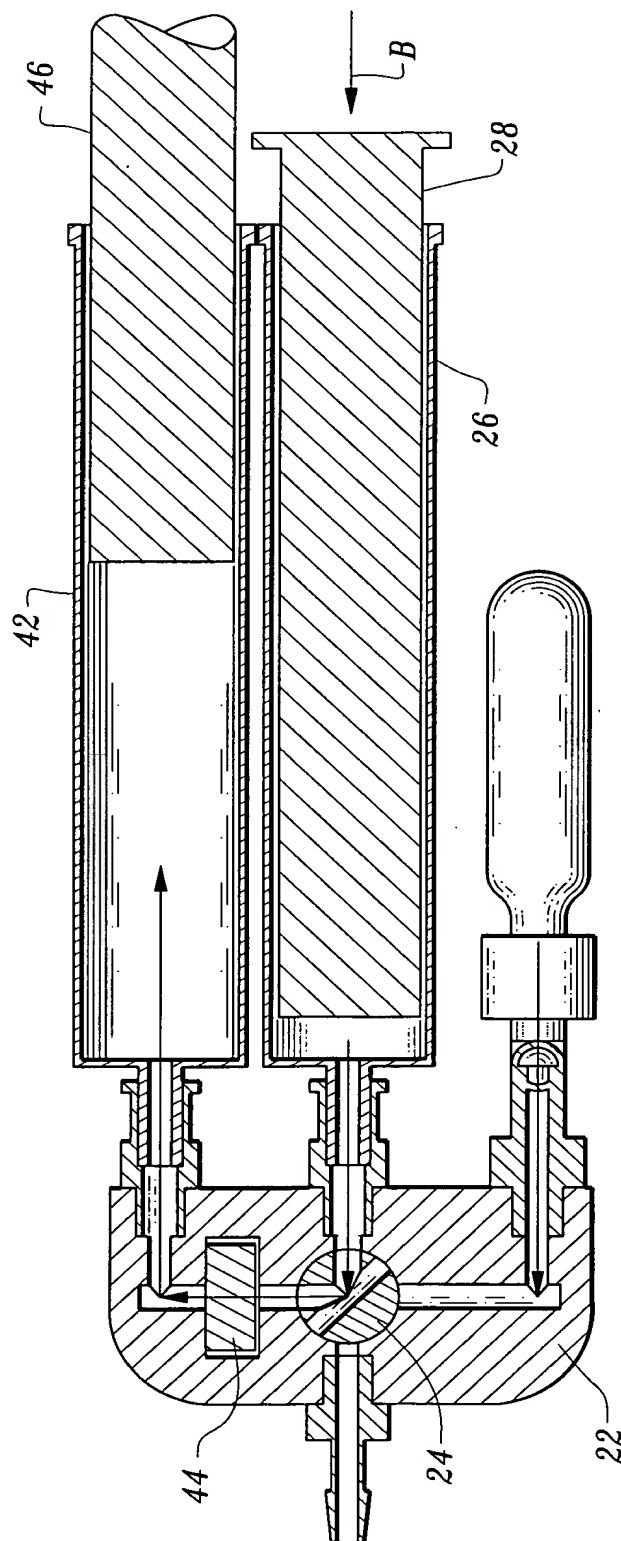


Fig. 4

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LIFESPAN OF FAST CLOTTING THROMBIN FRACTIONATED  
 AT DIFFERENT ETOH CONCENTRATIONS

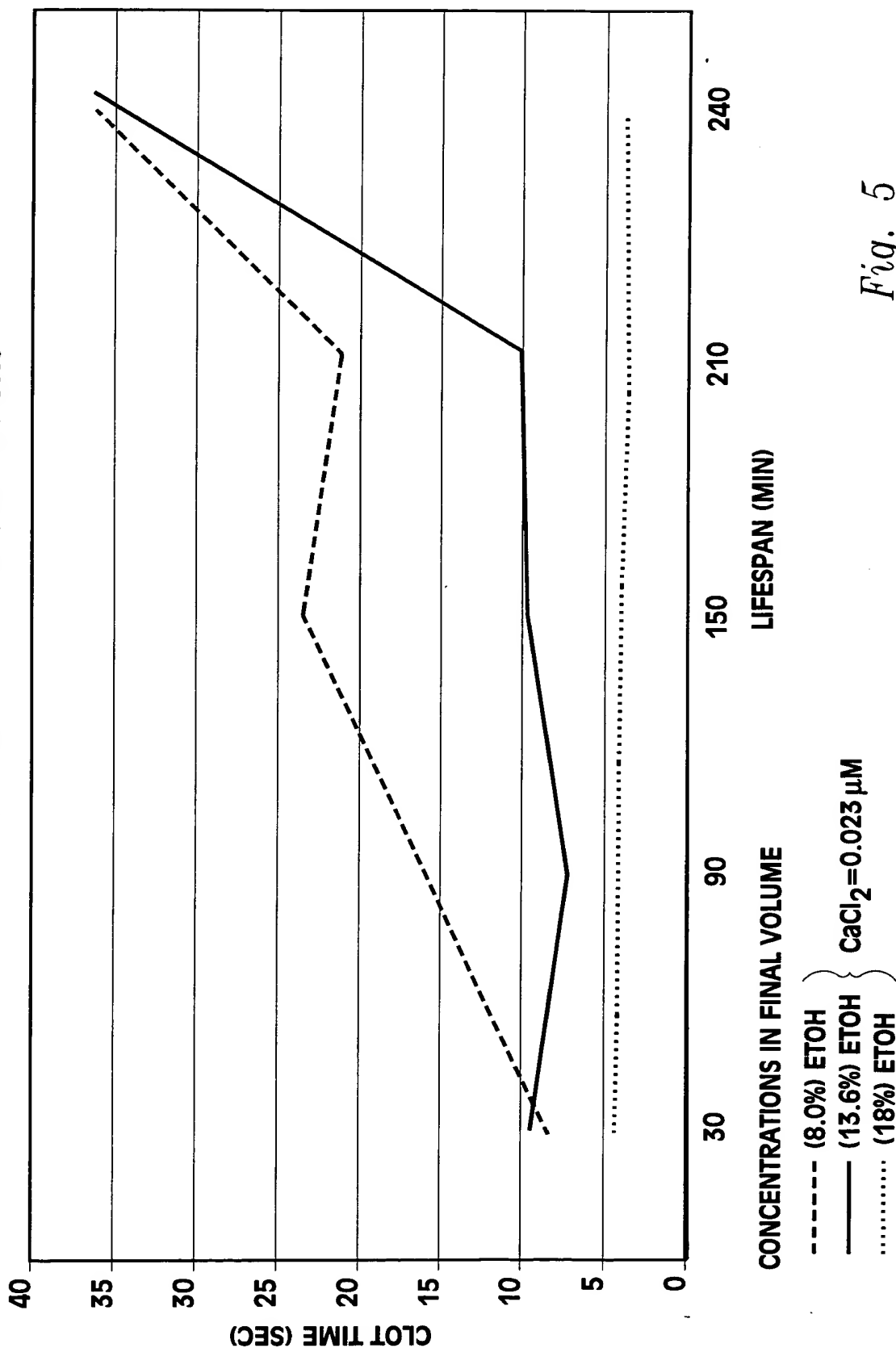
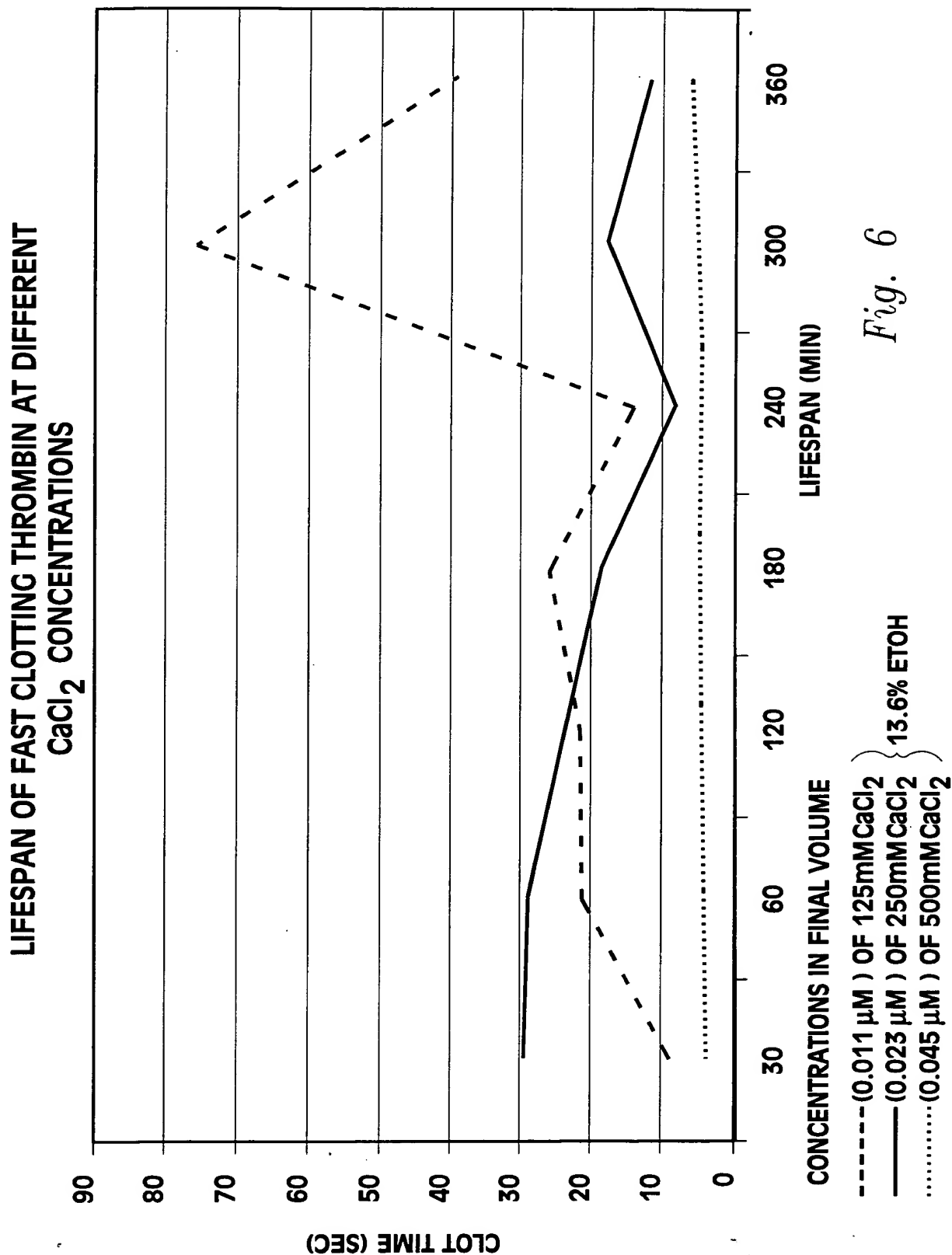


Fig. 5

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LIFESPAN AND CLOTTING TIME OF THROMBIN  
PROCESSED IN CONTAINERS OF DIFFERENT MATERIALS

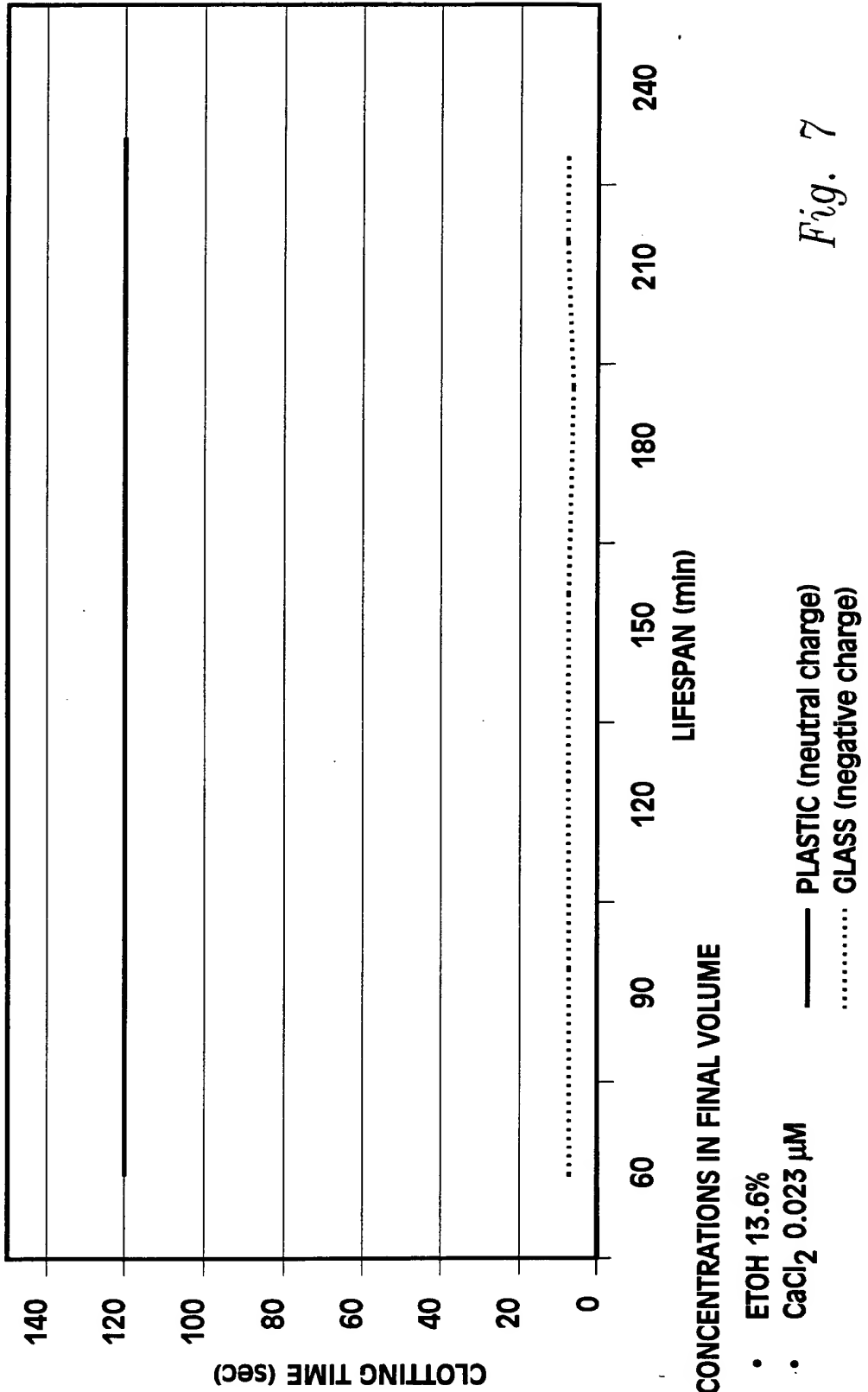
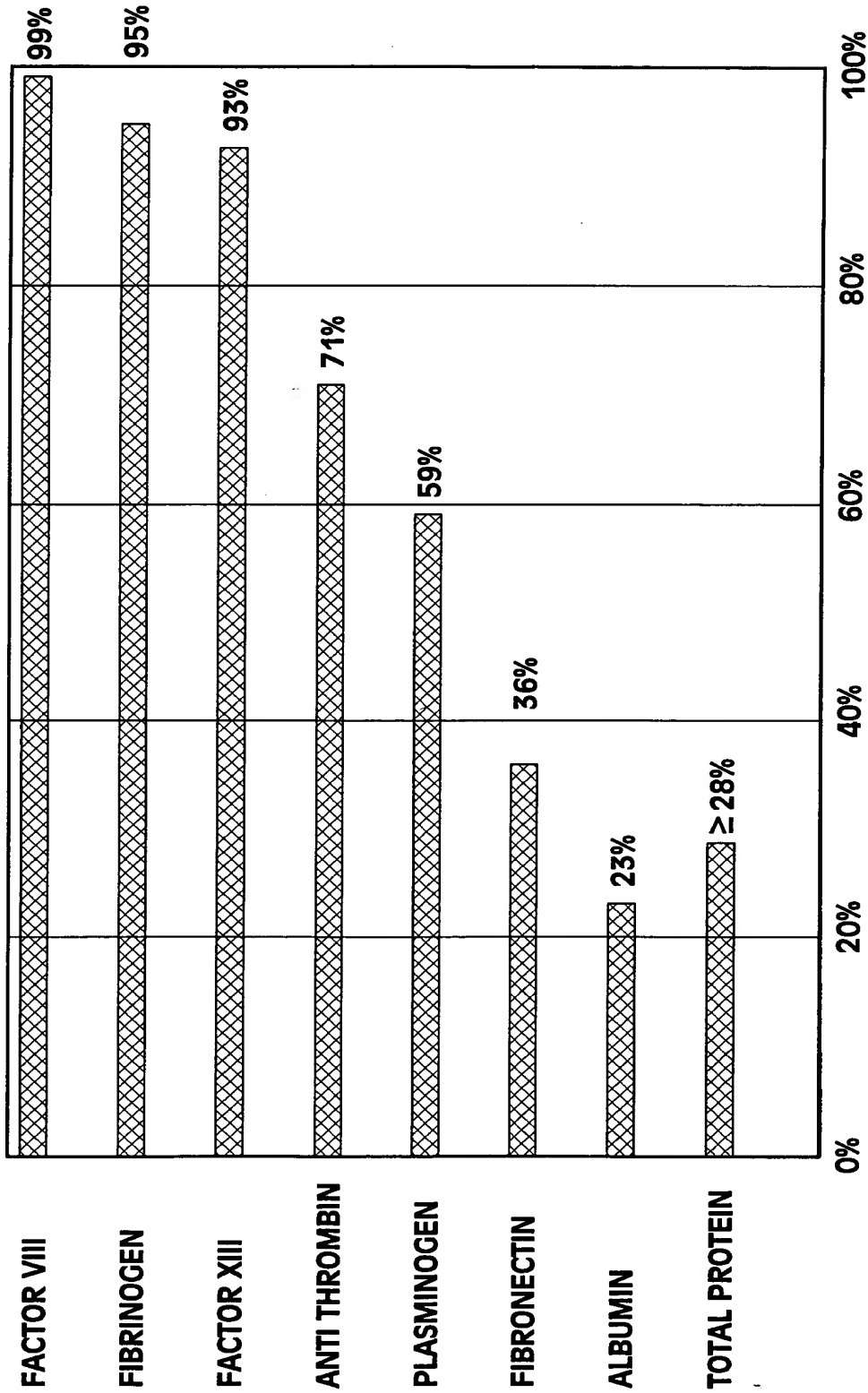


Fig. 7

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REDUCTION IN CONTAMINATING PROTEINS FROM OPTIMIZED  
ENRICHED THROMBIN FRACTION AS COMPARED TO THE ORIGINAL PLASMA



CONCENTRATIONS IN FINAL VOLUME

- ETOH 13.6%
- CaCl<sub>2</sub> 0.023 μM

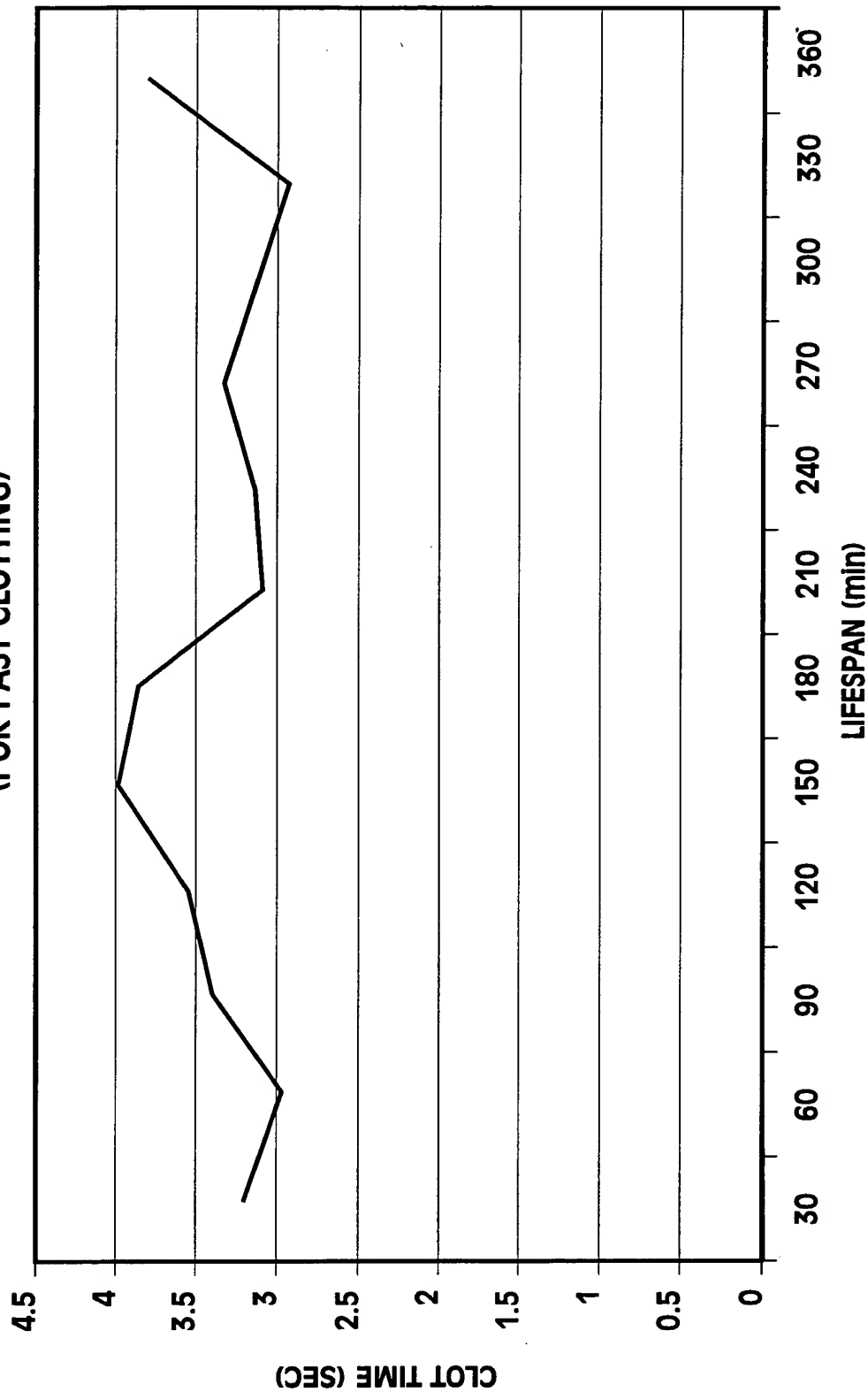
Fig. 8



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LIFESPAN OF OPTIMIZED THROMBIN PREPARATION  
(FOR FAST CLOTTING)



CONCENTRATIONS IN FINAL VOLUME

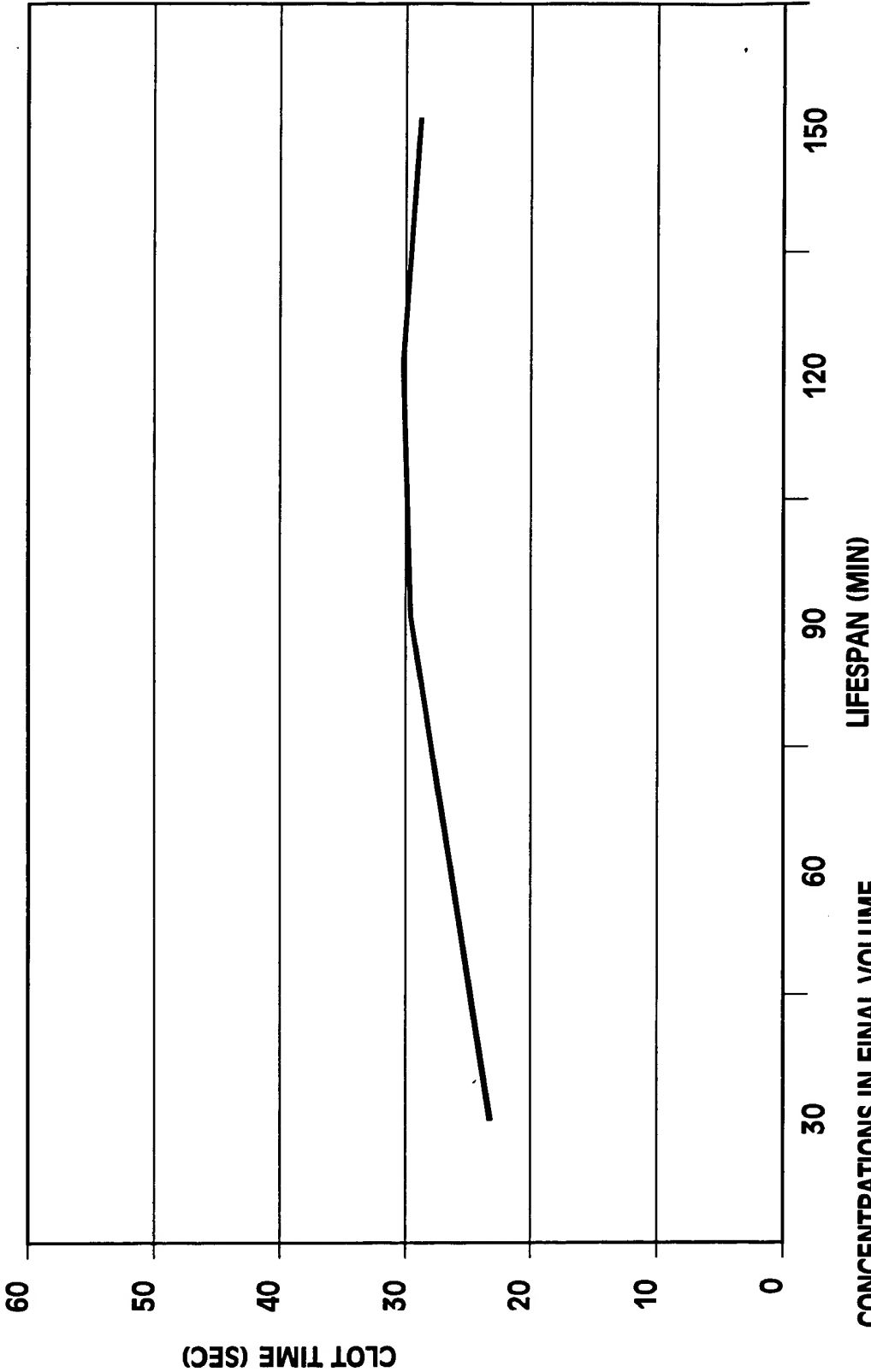
- ETOH 13.6%
- CaCl<sub>2</sub> 0.023  $\mu$ M

Fig. 9

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LIFESPAN OF THROMBIN PREPARATION  
(DILUTED 1:1.5 FOR SLOW CLOTTING)

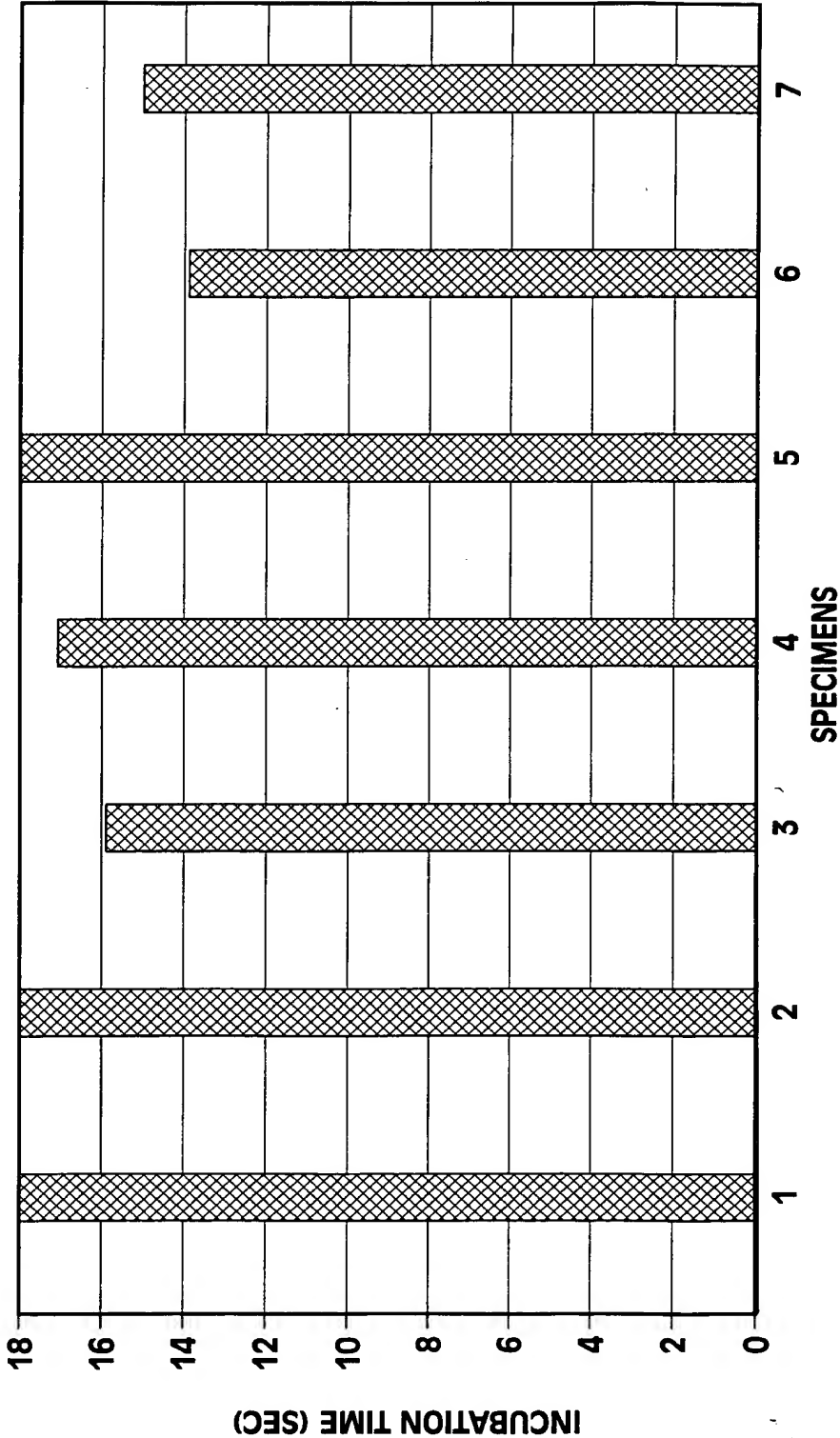


CONCENTRATIONS IN FINAL VOLUME

- ETOH 13.6%
- CaCl<sub>2</sub> 0.023 μM

Fig. 10

TYPICAL CONVERSION/ACTIVATION PERIODS TO CONVERT OPTIMIZED, ENRICHED  
PROTHROMBIN FRACTION TO THROMBIN



CONCENTRATIONS IN FINAL VOLUME

- ETOH 13.6%
- CaCl<sub>2</sub> 0.023 μM

Fig. 11

BOVINE THROMBIN  
CONCENTRATION VS. CLOTTING TIME

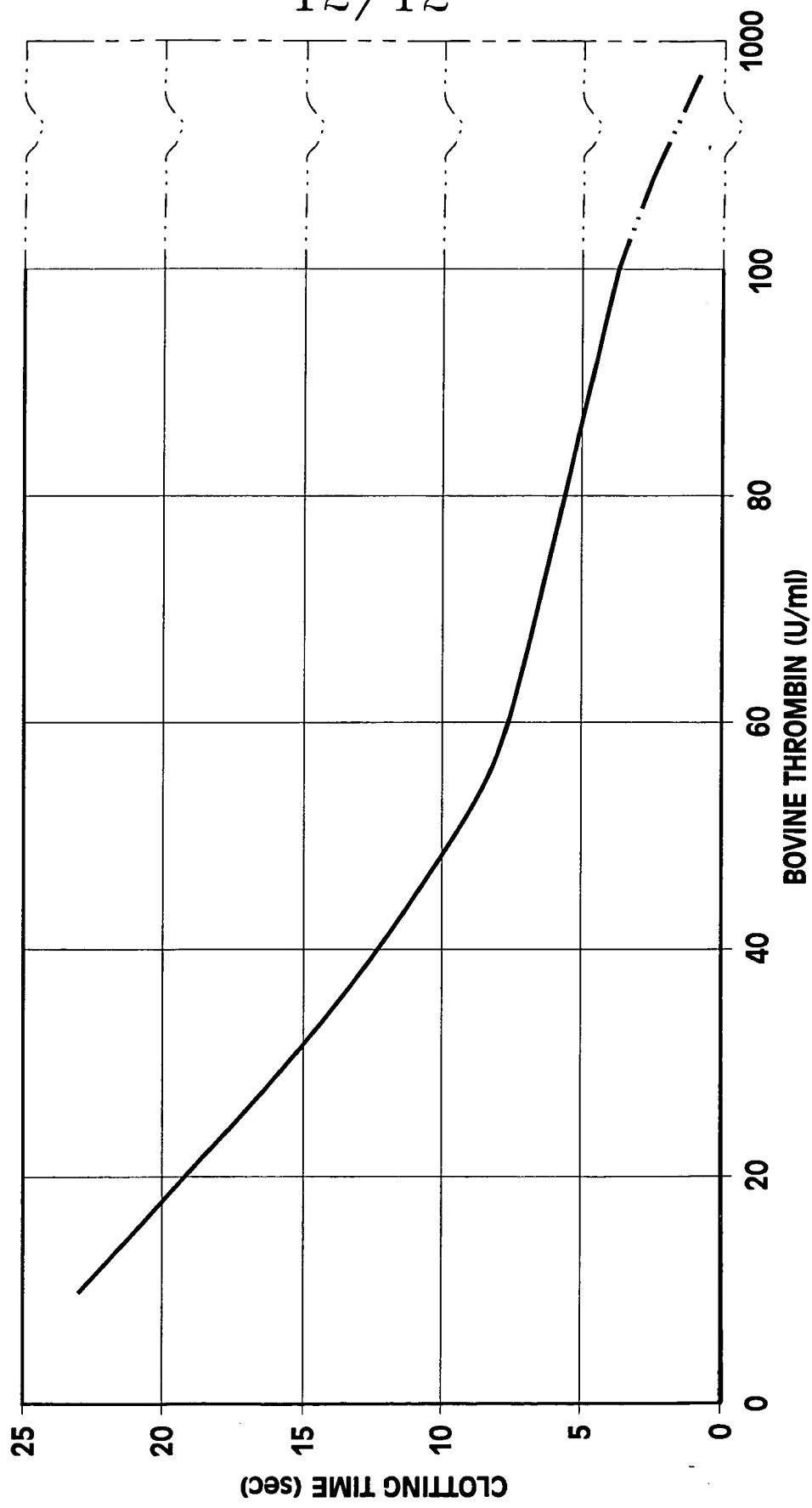


Fig. 12